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Application No.	10/607,082
Filing Date	June 25, 2003
First Named Inventor	Jeremy R. Myles
Art Unit	2882
Examiner Name	TBA
Total Number of Pages in This Submission	105
Attorney Docket Number	5513P012

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div>92 cited references and Return receipt postcard</div>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Andre M. Gibbs, Reg. No. 47,593 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Date	April 14, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JEREMY R. MYLES

Application No.: 10/607,082

Filed: June 25, 2003

For: **TREATMENT PLANNING,
SIMULATION, AND VERIFICATION
SYSTEM**

Art Group: 2882

Examiner: To be assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
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Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

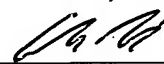
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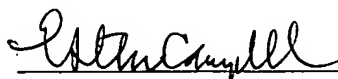
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

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Examiner Name	TBA
Attorney Docket Number	5513.P012

1 of 9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		us-	3,133,227	5/12/1964	Brown et al.	
		us-	3,193,717	7/6/1965	Nunan	
		us-	4,209,706	6/24/1980	Nunan	
		us-	4,726,046	2/16/1988	Nunan	
		us-	5,471,546	11/28/1995	Nunan	
		us-	6,508,586	1/1/2003	Oota	
		us-	6,429,578	8/1/2002	Danielson et al.	
		us-	6,325,537	12/1/2001	Watanabe	
		us-	6,307,914	10/1/2001	Kunieda et al.	
		us-	6,104,780	8/1/2000	Hanover et al.	
		us-	6,031,888	2/1/2000	Ivan et al.	
		us-	5,751,781	5/1/1998	Brown et al.	
		us-	5,537,452	7/1/1996	Sheopard et al.	
		us-	5,394,452	2/1/1995	Swerdloff et al.	
		us-	6,144,875	11/7/2000	Schweikard et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0480035	B1	11-9-1994	Hara		

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		us-	4,149,247	4/10/1979	Pavkovich et al.	
		us-	4,149,248	4/10/1979	Pavkovich et al.	
		us-	5,099,505	3/24/1992	Seppi et al.	
		us-	5,117,445	5/26/1992	Seppi et al.	
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		us-	2001/0008271	7/19/2001	Ikeda et al.	
		us-	6,041,097	3/21/2000	Roos et al.	
		us-	6,381,302	4/30/2002	Berestov	
		us-	6,385,286	5/7/2002	Fitchard	
		us-				
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				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Group Art Unit	2882
				Examiner Name	TBA
Sheet	3	of	9	Attorney Docket Number	5513.P012
OTHER ART - NO PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		BALTER, James M. et al., "Daily Targeting of Intrahepatic Tumors for Radiotherapy," Int. J. Radiation Oncology Biol. Phys., vol. 52, no. 1 (2002), pp. 266-271			
		SWINDELL, William et al., "Computed Tomography With a Linear Accelerator With Radiotherapy Applications," Med. Phys., vol. 10, no. 4, July/August 1983; pp. 416-420			
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		UEMATSU, Minoru, M.D. et al., "Intrafractional Tumor Position Stability During Computed Tomography (CT)-Guided Frameless Stereotactic Radiation Therapy for Lung or Liver Cancers With a Fusion of CT and Linear Accelerator (FOCAL) Unit," Int. J. Radiation Oncology Biol. Phys., vol. 48, no. 2 (2000), pp. 443-448			
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OTHER ART – NO PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
		PISANI, Laura, M.S. et al., "Setup Error in Radiotherapy: On-line Correction Using Electronic Kilovoltage and Megavoltage Radiographs," Int. J. Radiation Oncology Biol. Phys., vol. 47, no. 3 (2000), pp. 825-839			
		DRAKE, D.G. et al, "Characterization of a Fluoroscopic Imaging System for kV and MV Radiography," Med. Phys., vol. 27, no. 5, May 2000, pp. 898-905			
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		FELDKAMP, L.A. et al. "Practical Cone-Beam Algorithm," J. Opt. Soc. Am. A., vol. 1, no. 6, June 1984; pp. 612-619			
		SIEWERDSEN, Jeffery H. and JAFFRAY, David A., "Optimization of X-Ray Imaging Geometry (With Specific Application to Flat-Panel Cone-Beam Computed Tomography)," Med. Phys., vol. 27, no. 8, August 2000, pp. 1903-1914			
		SIEWERDSEN, Jeffery H. and JAFFRAY, David A., "Cone-Beam Computed Tomography With a Flat-Panel Imager: Magnitude and Effects of X-Ray Scatter," Med. Phys., vol. 28, no. 2, February 2001, pp. 220-231			
		CHO, Paul S. et al., "Cone-Beam CT for Radiotherapy Applications," Phys. Med. Biol., vol. 40 (1995), pp. 1863-1883			

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		RAGAN, "Correction for Distortion in a Beam Outline Transfer Device in Radiotherapy CT-Based Simulation", Med. Phys. 20 (1), Jan/Feb 1993, pgs. 179-185.			
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		GADEMANN et al., "Three-Dimensional Radiation Planning. Studies on Clinical Integration", Strahlenther Onkol, 1993, 1 page.			
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		ANDREW et al., "A Video-Based Patient Contour Acquisition System for the Design of Radiotherapy Compensators", Med Phys., 1989, 1 page.			
		REYNOLDS, "An Algorithm for Three-Dimensional Visualization of Radiation Therapy Beams", Med Phys., 1988, 1 page.			

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		MOHAN, "Intersection of Shaped Radiation Beams with Arbitrary Image Sections", Comput Methods Programs Biomed, 1987, 1 page.			
		BREWSTERFUAUF, "Automatic Generation of Beam Apertures", Medical Physics, 1993, 1 page.			
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		"Advanced Workstation for Irregular Field Simulation and Image Matching", Copyright 1999, MDS Nordion, 7 pages.			

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		US-	4,208,675	6/17/1980	Bajon et al.	
		US-	4,521,808	6/4/1985	Ong et al.	
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		US-	3,144,552	8/11/1964	Schonberg	
		US-	5,080,100	1/14/1992	Trotel	
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
		PCT WO 85/03212	A1		8/1/1985	Michaels		
		EP 0062941	B1		9/26/1984	De Vogel		
		EP 0205720	A1		12/30/1986	Brahme		
		FR 2 269 745						
		FR 2 551 664						

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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Art Unit	2882
Examiner Name	TBA				
Sheet	8	5513P012	9	Attorney Docket Number	5513P012

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		DE 42 23 488 A1					
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		JP HEI 5[1993]-57028		3/9/1993	Translated JP patent application		
		GB 1328033		8/22/1973			

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